

RECEIVED  
CENTRAL FAX CENTER

APR 24 2007

Amendments to the ClaimsListing of Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1-9 (cancelled)

10. (previously presented) A method for determining the differences between the molecular interactions of two different mixtures of molecules, comprising:

labeling a first mixture of molecules and a target mixture of molecules;

introducing said first mixture of molecules to a combinatorial library of

solid phase supports;

incubating said combinatorial library with said first mixture of molecules;

performing a first marking step to mark those of said solid phase supports

that have a molecule of said first mixture bound to them;

introducing said target mixture of molecules to said combinatorial library;

incubating said combinatorial library with said target mixture of molecules;

obtaining a first image showing as marked those of said solid phase supports that have a molecule of said first mixture bound to them;

performing a second marking step to mark those of said solid phase supports that have a molecule of said target mixture bound to them;

obtaining a second image showing as marked those of said solid phase supports that have a molecule of said target mixture bound to them; and

4/30/07  
Entered